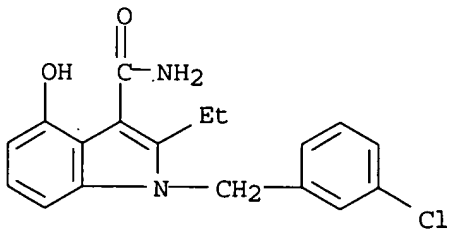
compds. was based on information derived from x-ray crystal structures determined for complexes between the enzyme and its inhibitors. We describe here the further implementation of this structure-based design strategy and continued SAR development to produce indole-3-acetamides with addnl. functionalities which provide increased interaction with important residues within the enzyme active site. These efforts led to inhibitors with substantially enhanced potency and selectivity.

IT **185501-87-5P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and SAR of indoleacetamides as inhibitors of human nonpancreatic secretory phospholipase A2)

RN 185501-87-5 HCAPLUS
CN 1H-Indole-3-carboxamide, 1-[(3-chlorophenyl)methyl]-2-ethyl-4-hydroxy- (9CI) (CA INDEX NAME)




REFERENCE COUNT: 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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L14 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2004:2877 HCAPLUS
DOCUMENT NUMBER: 140:59667
TITLE: Preparation of 1-[(indol-3-yl)carbonyl]piperazine derivatives for the treatment of pain
INVENTOR(S): Cowley, Phillip Martin; Caulfield, Wilson; Tierney, Jason; Cairns, James; Adam-Worrall, Julia; York, Mark
PATENT ASSIGNEE(S): Akzo Nobel N.V., Neth.
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|---|---|---|---|---|
| WO 2004000832 | A1 | 20031231 | WO 2003-EP50226 | 20030613 |

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,